

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 6. (canceled)

7. (currently amended) A pharmaceutical composition comprising a polypeptide wherein the polypeptide consists of the following sequence of amino acids, which are D- or L- amino acids

Ser-Met-Arg-Glu-Arg

(SEQ ID NO:4)

and a pharmaceutically acceptable carrier, filler or excipient.

8. – 13. (canceled).

14. (withdrawn) A method of treatment of a neurodegenerative disease in an animal, comprising:

identifying an animal suffering or potentially suffering from a neurodegenerative disease;
and

administering to the animal an amount of a pharmaceutical composition according to claim 7 effective to treat the neurodegenerative disease.

15. – 21. (canceled)

22. (withdrawn) A method according to claim 14, in which the animal is a human and the neurodegenerative disease is Alzheimer's disease.

23. -29. (canceled)

30. (withdrawn) A method of producing a cognitive enhancement effect in an animal, comprising:

providing an animal in which said effect is to be produced and administering to the animal an amount of a pharmaceutical composition according to claim 7 effective to produce the cognitive enhancement.

31. – 35. (canceled)